

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/13818

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J27/00 C08F4/651 C08F4/654 C08F10/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0171, no. 71 (C-1044), 2 April 1993 (1993-04-02) & JP 4 331210 A (CHISSO CORP), 19 November 1992 (1992-11-19) abstract	1-28
X	PATENT ABSTRACTS OF JAPAN vol. 0103, no. 39 (C-385), 15 November 1986 (1986-11-15) & JP 61 145207 A (MITSUBISHI PETROCHEM CO LTD), 2 July 1986 (1986-07-02) abstract	1-28
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

22 April 2004

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Gamb, V

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X	EP 0 717 052 A (APPRYL SNC) 19 June 1996 (1996-06-19)  example 16 page 3, line 7 - line 8	1-9, 11-16, 19-22, 25-28
X	US 6 034 025 A (KIM MIE-OCK ET AL) 7 March 2000 (2000-03-07)  examples 1-9 column 3, line 60 - line 64	1-6, 8-14, 19-22, 25-28
Y	claims 1,2,5,9,10	19-24
X	EP 1 083 187 A (CHINA PETROCHEMICAL CORP ; CHINA PETROCHEMICAL CORP BEIJI (CN)) 14 March 2001 (2001-03-14)  examples 1-3,6-9 claims 1,3,4,6,8	1-6, 8-14, 19-22, 25-28
X	US 4 829 034 A (IISKOLAN EERO ET AL) 9 May 1989 (1989-05-09)  examples 1,2 claims 1,2,4	1-3, 8-14, 19-21, 25-28
Y		14-18
Y	EP 0 395 083 A (HIMONT INC) 31 October 1990 (1990-10-31) cited in the application examples 1-6 claims 1,2,8	14-18
Y	EP 0 728 769 A (MONTELL NORTH AMERICA INC) 28 August 1996 (1996-08-28) cited in the application examples 1,5 claim 6	19-24
A	US 5 212 132 A (BRUN CLAUDE ET AL) 18 May 1993 (1993-05-18) examples 1,8,15,16 column 2, line 56 - line 63 claims 1,9,14	1-28

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